

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/030285 A1

(51) International Patent Classification⁷: **A61L 31/02,**
31/14

(21) International Application Number:
PCT/IB2004/051833

(22) International Filing Date:
23 September 2004 (23.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PCT/IB03/04289
28 September 2003 (28.09.2003) IB

(71) Applicants and

(72) Inventors: **SCHNYDER, Guido** [CH/CH]; Chemin de
Champ Pallet 4, CH-1801 Le Mont-Pélerin (CH). **ROU-**
VINEZ, Gilles [CH/CH]; Ch. de la Crétaz 25, CH-1822
Chernex (CH).

(74) Common Representative: **SCHNYDER, Guido**;
Chemin de Champ Pallet 4, CH-1801 Le Mont-Pélerin
(CH).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*
— *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments*

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: BIODEGRADABLE AND/OR BIOABSORBABLE MEMBER FOR VASCULAR SEALING

(57) Abstract: An implantable, bioresorbable and/or biodegradable sealing member, such as a staple, clip, snap or rivet, is used for clamping vessels, vessel side-branches, aneurysms, or any other tube like body-parts or for sealing vascular access sites and wound site management. The implantable, bioresorbable and/or biodegradable member comprises a combination of materials which dissolve or degrade in the human body without any harmful effects on the person that wears the member.



WO 2005/030285 A1